

ABSTRACT

A light source and a projector are provided, ~~in~~ which meets the requirements of high luminance and size reduction ~~which of~~ recent lamps ~~require can be met~~, the ~~elongation of~~ elongates a lifetime of the lamp ~~can be realized~~, and reduces the noises from a cooling fan ~~can be reduced~~.

———A light source, including a concave ~~mirror~~ 6mirror which has a ~~reflecting part~~ 6C that reflects light, ~~non-reflecting parts~~ 6D adjacent to this reflecting part, and permeable ports ~~6E~~, 6F that pass through the non-reflecting parts, and which opens forward; a lamp ~~10~~ lamp which is arranged in this concave mirror and emits the light; and a light permeable ~~member~~ 8member which covers the opening part of the concave mirror, is ~~characterized in that~~ the concave mirror ~~includes~~ including a ~~mesh~~ 12mesh arranged in a position where it covers the permeable port, and a protective ~~wall~~ 14wall for protecting the mesh, which is arranged in a position where direct collision between the mesh and broken pieces of the lamp made by a burst of the lamp is prevented.